

DECLARATION AND POWER OF ATTORNEY  
FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NVIDP010/P000127

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

COPY

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD, APPARATUS AND ARTICLE OF MANUFACTURE FOR A TRANSFORM MODULE IN A GRAPHICS PROCESSOR, the specification of which,

(check one)

1. ☒ is attached hereto.

2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

☐ Yes ☐ No

\_\_\_\_\_  
(Appl. No.) (Country) (Filing Date)

☐ Yes ☐ No

\_\_\_\_\_  
(Appl. No.) (Country) (Filing Date)

☐ Yes ☐ No

\_\_\_\_\_  
(Appl. No.) (Country) (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

\_\_\_\_\_  
(Application Serial No.) (Filing Date)

\_\_\_\_\_  
(Application Serial No.) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

00775036-043404

(Status - patented, pending, abandoned)

(Status - patented, pending, abandoned)

And I hereby appoint the law firm of Hickman Stephens & Coleman, including Paul L. Hickman (Reg. No. 28,516); L. Keith Stephens (Reg. No. 32,632); Brian R. Coleman (Reg. No. 39,145); Michael E. Melton (Reg. No. 32,276); Kevin J. Zilka (Reg. No. 41,429); Dominic Kotab (Reg. No. 42,762); Raymond E. Roberts (Reg. No. 38,597); Vidya R. Bhakar (Reg. No. 42,323); Douglas E. Mackenzie (Reg. No. 38,955); Michael D. Plimier (Reg. No. 43,004); Robert D. Hayden (Reg. No. 42,645); Stephen H. Pettigrew (Reg. No. 35,978) and Paul D. Carmichael (Reg. No. 18,679) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

**Send Correspondence To:**

**HICKMAN STEPHENS & COLEMAN, LLP**  
**P.O. BOX 52037**  
**Palo Alto, California 94303-0746**

**Direct Telephone Calls To:**

**Kevin J. Zilka at telephone number (408) 558-9950**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of  
Sole or First Inventor:

John Erik Lindholm

Citizenship: CANADA

**Inventor's signature:**

Free down

Date of Signature: Dec 1, 99

Residence: (City)

## Cupertino

(State/Country) California/USA

Post Office Address:

10325 Virginia Swan Place, Cupertino, California 95014

Full Name of Second Joint Inventor (if any):

Simon Moy

Citizenship: USA

**Inventor's signature:**

*[Signature]*

Date of Signature: 12/2/99

Residence: (City)

## Mountain View

(State/Country) California/USA

Post Office Address:

100 Freedom Lane, Mountain View, California 94040

Full Name of Third Joint  
Inventor (if any):

David B. Kirk

Citizenship: USA

**Inventor's signature:**

✓ B. ✓

Date of Signature: 12/1/99

Residence: (City)

San Francisco

(State/Country) California/USA

Post Office Address:

2965 Broderick Street, San Francisco, California 94123



COPY

ASSIGNMENT OF PATENT APPLICATION  
(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and improvements as set forth in the patent application entitled:

METHOD, APPARATUS AND ARTICLE OF MANUFACTURE FOR  
TRANSFORM MODULE IN A GRAPHICS PROCESSOR

(Atty. Docket No.: NVIDP010/P000127) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:


- 1) Sell(s), assign(s) and transfer(s) to nVIDIA, a Delaware corporation having a place of business at 3535 Monroe Street, Santa Clara, California 95051, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: John Erik Lindholm Date: see 1, 99  
Typed Name: John Erik Lindholm
- 2) Signature: Simon Moy Date: 12/2/99  
Typed Name: Simon Moy
- 3) Signature: David B. Kirk Date: 12/1/99  
Typed Name: David B. Kirk

4)

Signature:  
Typed Name:

  
Paolo E. Sabella

Date: 12/1/99